



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No. : 10/821,503 Confirmation No.: 9826  
Applicant : J. Wallace Parce et al.  
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Examiner : To be assigned  
  
Docket No. : 100/00328  
Customer No. : 021569  
Title : High Throughput Screening Assay Systems in Microscale Fluidic Devices

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

PRELIMINARY AMENDMENT

Sir:

Prior to examination on the merits, Applicants respectfully request entry and consideration of the following amendments and remarks.

**Amendments to the Specification** begin below.

**Remarks/Arguments** begin on page 2 of this paper.

AMENDMENTS TO THE SPECIFICATION

Please replace the heading which begins page 6 with the following:

BRIEF DESCRIPTION OF THE DRAWINGS.

Please replace the paragraph which begins on page 6, line 22 with the following:

Figure 7 shows a schematic illustration of one embodiment of an overall assay systems system which employs multiple microlaboratory devices labeled as "LabChips™" "LabChip®" for screening test compounds.

Please replace the paragraph which begins on page 6, line 27 with the following:

Figures 9A and 9B shows show fluorescence data from a continuous flow assay screen. Figure 9A shows fluorescence data from a test screen which periodically introduced a known inhibitor